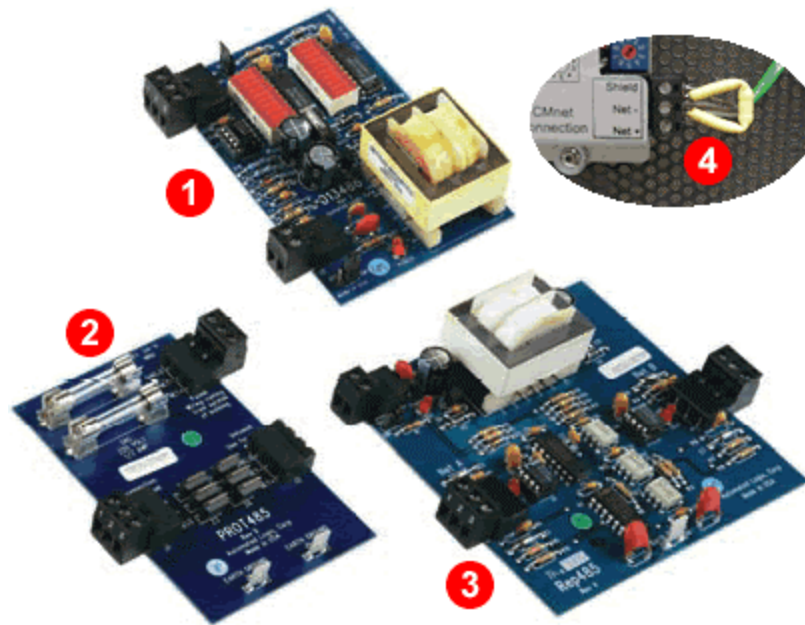


ARCNET Accessories



DESCRIPTION: Designed to ensure the superior performance of ARCnet 156K baud and/or MS/TP network in the field, these ancillary network boards serve to properly terminate, bias, protect and repeat data transmitted over the twisted pair EIA-485 network. Based on a native BACnet[®] architecture, the Liebert system uses ARCnet 156K baud as the high speed building control network to connect **SiteLink**, **Site I/O** and **Site TPI** modules with a family of **SiteGate** routers.

Each device is mounted in its' own steel enclosure. The ARCDIAG485 and ARCREP485 require external 24VAC power supplies.

- 1 ARCDIAG485** correctly biases the ARCnet 156K baud network independent of the length of the wiring and offers visual diagnostics of the signal levels.
- 2 ARCPROT485** protects controllers residing on the ARCnet 156K baud or MS/TP network within 250 ft. (76m) from induced electrical surges on the twisted pair wiring.
- 3 ARCREP485** creates a new network segment by amplifying and re-transmitting data - extending the length of the ARCNET 156K baud or MS/TP communication bus. Required for more than 32 control modules to be connected on one network.
- 4** A termination resistor is used to effectively terminate every ARCNET wiring segment, preventing end-of-line reflections and noise.

OPERATING PARAMETERS

1 ARCDIAG485

POWER: 24VAC. 0.3A 50-60 HZ. 7.2VA (Single Class 2 Source Only, 100VA or less).

TEMPERATURE RANGE: 0 to 130 °F (-17.8 to 54.4°C)

OPERATING HUMIDITY RANGE: 10-90% relative humidity, non-condensing.

2 ARCPROT485

POWER: NONE

TEMPERATURE RANGE: -20 to 140 °F (-28.9 to 60 °C)

OPERATING HUMIDITY RANGE: 10-90% relative humidity, non-condensing.

3 ARCREP485

POWER: 24VAC. 0.25A 50-60 HZ. 6.0VA (Single Class 2 Source Only, 100VA or less).

TEMPERATURE RANGE: 0 to 130 °F (-17.8 to 54.4°C)

OPERATING HUMIDITY RANGE: 5-95% relative humidity, non-condensing.

PORTS: Net A and B are both EIA-485 (optically isolated).

MODULE DIMENSIONS AND LAYOUT

ENCLOSURE DIMENSIONS

DIMENSIONS:	Enclosure:	8.45" H x 8.45" W x 2.98" D 214.6mm x 214.6mm x 75.7mm
	Mounting	7" H x 7" W 177.8mm x 177.8mm

